

Appendix H: Natural Resource Preservation Program (NRPP) Projects

Table H-1. NRPP–Alaska Special Projects, FY 2011

Park	Project title	FY 2011 funding (\$)
Denali National Park and Preserve	Studying the movements and demography of road corridor bears in Denali NP	23,812
Denali National Park and Preserve	Create an ecological atlas of central Alaska's flora for management, research, and education	25,726
Denali National Park and Preserve	Design and test survey techniques to estimate Dall's sheep abundance in Alaskan parks	22,413
Denali National Park and Preserve	Assess threats to Denali NP&P's class I airshed through comprehensive analysis of long-term data	57,242
Glacier Bay National Park and Preserve	Implementing DIDSON sonar for assessing salmon escapement in Alaska national park wilderness	94,277
Kenai Fjords National Park	Upgrade Exit Glacier cooperative weather station to automated SNOTEL station	28,884
Western Arctic National Parklands	Non-invasive black bear population metrics in Kobuk Valley NP	71,389
Wrangell-St. Elias National Park and Preserve	Burbot stock assessment in Tanada Lake and Copper Lake in Wrangell-St. Elias NP&P	45,444
Wrangell-St. Elias National Park and Preserve	Continuing research on the occurrence and distribution of coastal and anadromous fish in Wrangell-St. Elias NP&P	12,117
Wrangell-St. Elias National Park and Preserve	Improve subsistence management with current information on resource use by Copper Basin communities	70,784
Lake Clark National Park and Preserve	Assess wolf population status and predation rate in Lake Clark NP&P	10,242
Other		4,670
TOTAL		467,000

Table H-2. NRPP–Disturbed Lands Restoration projects, FY 2011

Region	State	Park	Project title	FY 2011 funding (\$)
IMR	AZ	Grand Canyon National Park	Restore disturbed habitat of threatened and endangered sentry milk-vetch, a Grand Canyon endemic	17,820
	MT	Glacier National Park	Stabilization of eroding soils and restoration of vegetation to the Big Bend Area, Glacier NP	9,900
	WY	Grand Teton National Park	Restore ecological processes and native vegetation to the former Flagg Ranch site	125,730
MWR	AR	Buffalo National River	Stabilization of extreme bank erosion to protect rare native mussel beds at Buffalo NR	87,120
NER	MD, VA	Assateague Island National Seashore	Restore salt marsh ecosystem function by removing relict mosquito ditches	99,000
PWR	CA	Channel Islands National Park	Restore disturbed coastal wetlands at Prisoners Harbor, Santa Cruz Island	165,000
	CA	Golden Gate National Recreation Area	From parking lot to wetland: Habitat restoration within the Rodeo Lagoon Watershed	120,000
	CA	Sequoia and Kings Canyon National Parks	Restore critical wetlands in Lower Halstead Meadow crossed by the primary park Generals Highway	77,000
	CA	Whiskeytown National Recreation Area	Restore geomorphology of Paige-Boulder Watershed to reestablish habitat for T&E species	86,000
Other				2,430
TOTAL				790,000

Table H-3. NRPP–Natural Resource Management projects, FY 2011

Region	State	Park	Project title	FY 2011 funding (\$)
AKR	AK	Glacier Bay National Park and Preserve	Determine impacts of increased cruise ship traffic on endangered humpback whales	2,970
	AK	Kenai Fjords National Park	Understanding spatio-temporal variability within colonial nesting seabird populations	91,080
	AK	Wrangell-St. Elias National Park and Preserve	Understanding population declines of Kittlitz's murrelet in Icy Bay, Wrangell-St. Elias NP&P	116,820
IMR	AZ	Organ Pipe Cactus National Monument	Illegal migration in AZ border parks: Assessment, protection, and restoration of resources	99,000
	AZ	Saguaro National Park	Restore native saguaro community following removal of invasives	64,350
	MT, WY	Bighorn Canyon National Recreation Area	Arid land spring protection and restoration	42,570
	NM	Bandelier National Monument	Restore degraded pinon-juniper landscape: Phase I (of 3)	127,710
	TX	Amistad National Recreation Area	Survey and monument 34.5 miles of impacted park boundary	38,610
	TX	Big Bend National Park	Reconnaissance of water chemistry and spring flow from a trans-border aquifer along the Rio Grande	69,300
	WY	Grand Teton National Park	Native plant restoration of critical wildlife habitat	130,680
	MI	Sleeping Bear Dunes National Lakeshore	Identify the sources, species & pathways in recent Type E botulism waterfowl dieoffs within Sleeping Bear Dunes NL	29,700
MWR	ND	Theodore Roosevelt National Park	Development of an elk survey protocol for Theodore Roosevelt NP	102,960
	SD	Badlands National Park	Determine erosion rates at select fossil sites to develop a paleontological monitoring program	102,960
	SD	Wind Cave National Park	Evaluate elk population control and support adaptive management at Wind Cave NP	83,160
	DC, MD, WV	Chesapeake and Ohio Canal National Historical Park	Assessing the vulnerability of sensitive karst habitats containing RTE species in Chesapeake and Ohio Canal NHP	100,000
NER	Multiple	National Capital Regional Office	Detecting and mapping new invasive species occurrences	17,000
	NY	Fire Island National Seashore	Assessment of spawning horseshoe crabs within mid-Atlantic coastal NPS units	84,000
	NY	Fire Island National Seashore	Restoration of bayside sediment processes at Sailors Haven, Fire Island NS	131,000
PWR	WV	New River Gorge National River	Inventory and assess cliff resources and visitor use, develop cliff management & monitoring plan	71,280
	Amer. Samoa	National Park of American Samoa	Eliminate a pivotal invasive tree species from National Park of American Samoa	99,000
	CA	Channel Islands National Park	Eradicate alien Argentine ants on Santa Cruz Island, Channel Islands NP	57,000
	CA	Channel Islands National Park	Eradicate iceplant and restore native vegetation on Anacapa Island	137,000
	CA	Pinnacles National Monument	Get the lead out: Gain support for non-lead hunting practices	99,000
	CA	Pinnacles National Monument	Protect recently acquired sensitive new lands from exotic pigs	35,000
	CA	Pinnacles National Monument	Restore rare bottomlands of newly acquired ranch	52,000

Table H-3 (cont). NRPP–Natural Resource Management projects, FY 2011

Region	State	Park	Project title	FY 2011 funding (\$)
	CA	Point Reyes National Seashore	Marine resource assessment for marine protected areas	60,000
	CA	Point Reyes National Seashore	Stop Scotch broom invasion into wilderness and high-priority areas	103,000
	CA	Santa Monica Mountains National Recreation Area	Sources, prevalence, and impacts of anticoagulant poisons on wildlife in an urban national park	80,000
	HI	Haleakala National Park	Control ecosystem-modifying weeds and initiate restoration of the newly acquired Nuu addition, Haleakala NP	67,000
	WA	Olympic National Park	Identify potential barriers, corridors, and refugia for species in the face of climate change	72,000
	WA	Olympic National Park	Understanding trends of sport fishing on critical fishery resources in Olympic NP rivers and lakes	73,000
SER	FL	Dry Tortugas National Park	Dry Tortugas Research Natural Area implementation	94,000
	GA	Cumberland Island National Seashore	Spatial and temporal assessment of back-barrier erosion on Cumberland Island	64,123
	KY	Mammoth Cave National Park	Environmental modeling and management to restore air flow and protect cave resources in Mammoth Cave	96,677
	KY, TN	Big South Fork National River and Recreation Area	Develop a GIS model to predict information critical for development of Big South Fork's climbing management plan	50,312
	NC	Blue Ridge Parkway	Develop wetlands management plan and establish baseline data on Blue Ridge Parkway wetlands	79,907
	NC, TN	Great Smoky Mountains National Park	Preserving Smoky Mountain hemlock forests from destruction by an invasive insect	115,421
	TN	Stones River National Battlefield	Exploratory hydrology of limestone glades	38,493
Service-wide	Multiple	Multiple	Complete night sky assessments in class I parks and initiate monitoring	155,000
Other				17,918
TOTAL ^{a,b}				3,151,000

^aThe total reflects \$12,000 reallocated between the Golden Gate NRA and Pinnacles NM projects funded through Threatened and Endangered Species and the Point Reyes NS Scotch broom project funded through Natural Resource Management.

^b\$22,500 in NRPP funds were reallocated from Natural Resource Management to Servicewide projects to complete their obligation at the close of FY 2011.

Table H-4. NRPP–Regional Program Block Allocation projects, FY 2011

Region	State	Park	Project title	FY 2011 funding (\$)
AKR	AK	Alaska Regional Office	Alaska scientific and technical reports	5,940
	AK	Alaska Regional Office	Manage invasive weeds using herbicides in 9 Alaska Region parks	34,304
	AK	Alaska Regional Office	Natural resource employees professionalization and technical competency enhancement	19,800
	AK	Alaska Regional Office	Produce Alaska Park Science Journal	24,750
	AK	Denali National Park and Preserve	Assess threats to Denali NP&P's class I airshed through comprehensive analysis of long-term data	23,345
	AK	Denali National Park and Preserve	Implement regional integrated pest management (IPM) program to insure health of natural resources	4,727
	AK	Klondike Gold Rush National Historical Park	Contaminants in Alaskan park ecosystem – state of knowledge & gap analysis report	23,500
	AK	Lake Clark National Park and Preserve	Assessing use of marine-derived salmon in wolf diets across Alaskan parks	31,134
	AK	Wrangell-St. Elias National Park and Preserve	Inventory and document bats in Wrangell-St. Elias and Glacier Bay	15,640
IMR	AZ	Pipe Spring National Monument	Implement cooperative study to understand bat ecology of Pipe Spring NM and the Kaibab Paiute Reservation	20,000
	AZ	Saguaro National Park	Mitigate post-flood invasion of tamarisk	40,000
	AZ	Tumacacori National Historical Park	Remove invasive exotic plants from riparian habitat at Tumacacori NHP	20,000
	AZ, UT	Glen Canyon National Recreation Area	Monitor remnant terrace erosion between Glen Canyon Dam and Lees Ferry	10,000
	NM	Pecos National Historical Park	Remove exotic trees to restore Civil War battlefield viewshed	20,000
	NM	White Sands National Monument	The ecology and conservation of the White Sands kit fox	15,130
	TX	Amistad National Recreation Area	Determine breeding success of interior least terns on islands within Lake Amistad Reservoir	20,000
	TX	Big Thicket National Preserve	Restoring native plant communities through partnerships in environmental education	20,000
MWR	WY	Devils Tower National Monument	Control exotic invasive plant species	20,000
	AR	Buffalo National River	Ozark Chinquapin restoration	18,000
	IN	Indiana Dunes National Lakeshore	Restore globally imperiled panne communities	19,000
	MI	Sleeping Bear Dunes National Lakeshore	Increase prairie warbler nesting opportunities through removal of Austrian pine plantation on dunes	21,800
	MN	Voyageurs National Park	Remove exotic invasive species at historic Rainy Lake City, Voyageurs NP	19,000
	MO	Ozark National Scenic Riverways	Quantify white-tailed deer abundance and vegetative impacts within the Big Springs Unit of Ozark NSR	18,000
	MO	Wilson's Creek National Battlefield	Assessing trail use levels and impacts to natural resources	19,000
	NE	Homestead National Monument of America	Improving visitor experience through soundscape management planning	12,550
	NE, SD	Missouri National River and Recreation Area	Determine ecological response to prairie and oak savannah restoration in the Missouri River upland	18,000
	SD	Badlands National Park	Expand park paleontological database to cover the NE corner of the Badlands Wilderness Area	23,110
	WI	Apostle Islands National Lakeshore	Determine the effects of climate change on T&E plant species at Apostle Islands NL	14,000

Table H-4 (cont). NRPP–Regional Program Block projects, FY 2011

Region	State	Park	Project title	FY 2011 funding (\$)
NCR	DC	National Capital Parks–East	Analyze data from 5-year monitoring for wetland restoration project	14,200
	DC	National Capital Regional Office	Augmenting and enhancing effective park management of natural resources in NCR	25,000
	DC	National Capital Regional Office	Focusing on educational elements of natural resource research and management	15,300
	DC	National Capital Regional Office	Preserving and restoring natural resources: Field guides for natural vegetation communities	39,000
	DC	Rock Creek Park	Telling the story of the silent green invasion of the meadows in Rock Creek Park	13,700
	MD	Catoctin Mountain Park	Establishing a baseline of critical data impacting brook trout at Catoctin Mountain Park	20,000
	MD	Catoctin Mountain Park	Survey of beetles of Catoctin Mountain Park	18,800
	MD, VA	George Washington Memorial Parkway	Survey of soil invertebrates (earthworms, millipedes, macroarthropods, microarthropods)	20,000
	VA	Prince William Forest Park	Initiate actions recommended by the Isotria Management Plan	20,000
	VA	Prince William Forest Park	Initiate actions recommended by the Isotria Management Plan	20,000
NER	MA	Cape Cod National Seashore	Eradicate phragmites from Herring Pond	5,500
	MA	Cape Cod National Seashore	Complete NEPA Compliance for Shorebird Management	20,000
	ME	Acadia National Park	Develop and test integrated pest management plan for invasive European fire ant	36,500
	NJ, PA	Delaware Water Gap National Recreation Area	Stabilization and sealing of copper mine entrances for bat protection and human safety	45,250
	NY	Fire Island National Seashore	Development of a vegetation management plan	29,036
	NY, PA	Upper Delaware National Scenic and Recreational River	Relative abundance and age structure of adult American shad in the Upper Delaware River	4,500
	VA	Assateague Island National Seashore	Enhance estuarine management through improved sediment analysis	20,000
	VA	Assateague Island National Seashore	Map the distribution and abundance of submerged aquatic vegetation in Assateague Island NS estuarine waters	7,000
	VA	Shenandoah National Park	Eradicate wavyleaf basketgrass	16,354
	VA	Shenandoah National Park	Eradicate wavyleaf basketgrass	16,354
PWR	AZ	Grand Canyon-Parashant National Monument	Baseline inventory and documentation of cave and karst resources, Grand Canyon-Parashant	45,098
	CA	Sequoia and Kings Canyon National Parks	Restoration of mountain yellow-legged frogs and high mountain lakes and streams in Sequoia and Kings Canyon NPs	25,573
	CA	Sequoia and Kings Canyon National Parks	Restore reed canarygrass-invaded meadows in Grant Grove	30,519
	WA	Mount Rainier National Park	Assessing disease in aquatic breeding amphibian species of concern	35,242
	WA	Mount Rainier National Park	Field-mapping glacier extents at Mount Rainier for hazard recognition	49,484
SER	FL	Canaveral National Seashore	Assess importance of freshwater wetlands to amphibian and reptile biodiversity at Canaveral NS	14,500
	FL	Canaveral National Seashore	Phase II to assess importance of freshwater wetlands to amphibian and reptile biodiversity at Canaveral NS	14,500
	FL	Gulf Islands National Seashore	Determine habitat suitability/restoration needs for wintering resident and migratory songbirds	24,750
	Multiple	Southeast Regional Office	Apply assessment for regional program block allocation	2,511

Table H-4 (cont). NRPP–Regional Program Block projects, FY 2011

Region	State	Park	Project title	FY 2011 funding (\$)
SER	NC	Carl Sandburg Home National Historic Site	Eradicate Asiatic dayflower and privet from granitic domes	22,545
	NC, TN	Great Smoky Mountains National Park	Identify and improve fire-dominated bird habitat at Great Smoky Mountains NP	25,000
	SC	Congaree National Park	Assess the magnitude and pattern of floodplain sedimentation in the Bates Fork Tract of Congaree NP	25,000
	SC	Kings Mountain National Military Park	Conduct feasibility study of reintroduction of northern bobwhite quail	25,000
	TN, KY	Big South Fork National Recreation Area	Chemical characterization of native and non- native soil materials from coal mining in Big South Fork NRA	25,000
Other				17,408
TOTAL				1,303,000

Table H-5. NRPP–Regional Small Park Block Allocation projects, FY 2011

Region	State	Park	Project title	FY 2011 funding (\$)
AKR	AK	Sitka National Historical Park	Conduct benthic invertebrate and algae investigations to determine biological water quality indexes	9,405
	AK, WA	Klondike Gold Rush National Historical Park	Expand the geographic scope of the western toad monitoring program	9,405
IMR	AZ	Fort Bowie National Historic Site	Apache Spring watershed soil loss reduction and reversal	20,000
	AZ	Pipe Spring National Monument	Monitor groundwater levels for hydrogeologic study of Pipe Spring	4,000
	AZ	Tuzigoot National Monument	Restore wetland plant communities at Tavaschi Marsh and vicinity	20,000
	AZ	Walnut Canyon National Monument	Assess the decline of the Arizona walnut population in Walnut Canyon	17,400
	CO	Florissant Fossil Beds National Monument	Invasive weed control and riparian area restoration in Florissant Fossil Beds NM	20,000
	CO	Yucca House National Monument	Landscape protection and restoration at Yucca House NM	20,000
	WY	Devils Tower National Monument	Control exotic invasive plant species and conclude a 50-acre shortgrass meadow restoration	20,000
	MT	Grant-Kohrs Ranch National Historic Site	Evaluate hydrologic function and riparian health of Johnson Creek to develop management options	40,000
	NM	Chaco Culture National Historical Park	Survey, assess condition, and map paleontological resources in Clys Canyon and Mockingbird Areas	19,600
	NM	White Sands National Monument	The ecology and conservation of the White Sands kit fox	8,430
	OK	Chickasaw National Recreation Area	Install gauging station to protect water rights for historic spring district	15,000
	TX	San Antonio Missions National Historical Park	Assess sustainability of state-threatened reptiles	15,150
	UT	Timpanogos Cave National Monument	Restore lower passage environment of Timpanogos Cave	20,000
MWR	AR	Arkansas Post National Memorial	Invasive plant management of disturbed lands	15,000
	AR	Pea Ridge National Military Park	Inventory glades and develop a management plan at Pea Ridge NMP	19,000
	IA	Herbert Hoover National Historic Site	Increase plant diversity in prairie to meet desired conditions established in park general management plan	14,580
	KS	Fort Scott National Historic Site	Conduct a vegetation survey and develop prairie vegetation management plan	16,000
	KS	Tallgrass Prairie National Preserve	Assessment of remote sensing techniques to determine extent of cattle trails in tallgrass prairie	18,000
	MN	Grand Portage National Monument	Conduct experimental forest stand treatments for adaptive restoration management of pine regeneration	20,000
	MN	Grand Portage National Monument	Facilitate boundary resurvey by directing student in the GPS inventory of survey monuments	18,000
	MN	Pipestone National Monument	Implement exotic vegetation control and prairie restoration	12,000
	NE	Homestead National Monument of America	Analyze effectiveness of thicket management at Homestead NM of America	17,000
	SD	Jewel Cave National Monument	Build information base of paleofill sequence to boost future research opportunities	20,400

Table H-5 (cont). NRPP–Regional Small Park Block projects, FY 2011

Region	State	Park	Project title	FY 2011 funding (\$)
NCR	DC	National Capital Parks–East	Analyze data from 5-year monitoring for wetland restoration project	3,600
	VA	Manassas National Battlefield Park	Where are the small mammals in Manassas NBP	15,400
NER	MA	Saugus Iron Works National Historic Site	Control non-native trees in riparian forest	30,000
	ME	Acadia National Park	Develop and test integrated pest management plan for invasive European fire ant	8,387
	Multiple	Northeast Regional Office	Natural resource technical assistance	24,922
	PA	Allegheny Portage Railroad National Historic Site	Control hemlock woolly adelgid at Allegheny Portage hemlock and hardwood stands 2011	2,965
	PA	Valley Forge National Historical Park	An evaluation of existing vegetation data and data gaps leading to inventories and forest management	20,166
	PA	Valley Forge National Historical Park	Reconstruction of 'public' deer enclosure at Valley Forge NHP	9,500
	PA	Valley Forge National Historical Park	Restoration of warm-season grasslands on recently acquired property at Valley Forge NHP	11,900
	VA	Appomattox Court House National Historical Park	Apply herbicide to control privet	7,000
	VA	Appomattox Court House National Historical Park	Apply herbicide to control privet	7,000
PWR	American Samoa	National Park of American Samoa	Reduce and control the most destructive invasive tree in National Park of American Samoa: <i>Falcataria moluccana</i>	26,608
	AZ	Grand Canyon-Parashant National Monument	Baseline inventory and documentation of cave and karst resources, Grand Canyon-Parashant	1,229
	AZ	Grand Canyon-Parashant National Monument	Inventory and analysis of fossil resources found within KyPet Caverns	1,897
	AZ	Grand Canyon-Parashant National Monument	Tamarisk treatment and restoration of newly identified invasions at 7 springs on Grand Canyon-Parashant	25,000
	CA	Lava Beds National Monument	Protect bighorn sheep paleo resources	7,000
	CA	Lava Beds National Monument	Remove 3500' of trail base identified as a serious threat to lava tube ecosystems	22,195
	ID	Craters of the Moon National Monument and Preserve	Woad be gone; attacking a new invader	30,000
	OR, WA	Lewis and Clark National Historical Park	Noxious weed control on recently acquired farm and forest tracts	19,771
	OR, WA	Lewis and Clark National Historical Park	Restoration of recently acquired coastal forest and dunes	1,300
	WA	San Juan Island National Historical Park	Update vegetation management plan	26,000
SER	GA	Kings Mountain National Military Park	Monitor and retreat exotic plant populations to maintain wildlife habitat and conserve scenery	25,000
	GA, TN	Chickamauga and Chattanooga National Military Park	Control non-native invasive plants within the Chickamauga and Chattanooga NMP	12,704
	MS	Vicksburg National Military Park	Exclude and relocate bats from Illinois Monument	24,722
	Multiple	Southeast Regional Office	Resource stewardship strategy implementation	14,637
	NC	Carl Sandburg Home National Historic Site	Conserve culturally and botanically significant plants of Carl Sandburg Home NHS	23,857
	SC	Congaree National Park	Implement feral hog control at Congaree NP	24,997

Table H-5 (cont). NRPP–Regional Small Park Block projects, FY 2011

Region	State	Park	Project title	FY 2011 funding (\$)
	TN	Obed Wild and Scenic River	Bank-operated cableway for streamflow and water quality measurement in the Obed WSR	25,000
	TN	Stones River National Battlefield	Stones River floodplain restoration	24,809
	USVI	Virgin Islands Coral Reef National Monument	Habitat protection and resource access in Virgin Islands Coral Reef NM, phase III	15,200
Other				18,864
TOTAL				933,000

Table H-6. NRPP–Servicewide projects, FY 2011

Program	Project title	FY 2011 funding (\$)
Biological Resource Management	2011 bioblitz discovery events	120,000
Biological Resource Management	Review of NPS ungulate management	50,000
Geologic Resources	Solar PEIS geospatial evaluation	43,000
NRSS	Benefits sharing agreement support	31,000
NRSS	Cosponsor support, NAA conference	2,500
NRSS	Director's natural resource awards	47,000
NRSS	Modernization of NPS Research Permit and Reporting System	160,000
NRSS	Park Science	20,000
NRSS	Renewable energy development	200,000
NRSS	Report to Congress	8,000
NRSS	Ungulate management, Channel Islands NP	100,000
Water Resources	Invasive lionfish response plan workshop	20,000
TOTAL^a		801,500

^a\$22,500 in NRPP funds were reallocated from Natural Resource Management to Servicewide projects to complete their obligation at the close of FY 2011.

Table H-7. NRPP–Threatened and Endangered Species projects, FY 2011

Region	State	Park	Project title	FY 2011 funding (\$)
IMR	TX	Big Bend National Park	Protect threatened Chisos hedgehog cactus from exotic grass invasion	20,790
	WY	Glacier National Park	Preservation of threatened bull trout in Glacier NP	42,570
	AZ, UT	Glen Canyon National Recreation Area	Create a protected nursery to expand populations of endangered Colorado River native fish	9,900
	CO	Rocky Mountain National Park	Determine the distribution of greenback cutthroat trout in Rocky Mountain NP	45,540
MWR	MO	Ozark National Scenic Riverways	Determine summer habitat use by Indiana bats to inform adaptive management actions at Ozark NSR	48,510
NCR	VA	Prince William Forest Park	Restore the federally threatened small-whorled pogonia in three NPS regions	50,000
PWR	CA	Golden Gate National Recreation Area	Enhance habitat for Golden Gate NRA mission blue butterfly through habitat disturbance actions	81,000
	HI	Hawaii Volcanoes National Park	Re-establish endangered <i>Clermontia peleana</i> on the Island of Hawaii	61,000
	WA	Olympic National Park	Protect and restore ESA-listed fish during removal of the Elwha River dams	75,000
	CA	Pinnacles National Monument	Restoring California condors at Pinnacles NM: Use of isotopes to identify sources of lead poisoning	5,000
SER	NC, TN	Great Smoky Mountains National Park	Determine habitat requirements and survey for federally endangered spruce-fir moss spider in Great Smoky Mountains NP	13,811
Other				1,879
TOTAL ^a				455,000

^aThe total reflects \$12,000 reallocated between the Golden Gate NRA and Pinnacles NM projects funded through Threatened and Endangered Species and the Point Reyes NS Scotch broom project funded through Natural Resource Management.